


Electronic Filing System (EFS) Data
Electronic Patent Application Submission
USPTO Use Only

EFS ID: 13797
Application ID: 09683703
Title of Invention: STEER-BY-WIRE STEERING
SYSTEM WITH ROTATION LIMITER
First Named Inventor: Aaron Mills
Domestic/Foreign Application: Domestic Application
Filing Date: null
Effective Receipt Date: 2002-02-05 
Submission Type: Utility Patent Filing
Filing Type: new-utility
Confirmation Number: 0
Attorney Docket Number: 201-0309 GPB
Digital Certificate Holder: cn=Damian Porcari, ou=Registered Attorneys, ou=Patent and
Trademark Office, ou=Department of Commerce, o=U.S.
Government, c=US
Certificate Message Digest: +6nzE6Yw3GrFNFStlrqPwQ==
Total Fees Authorized: \$820.0
Payment Category: DA - Deposit Account
Deposit Account Number: 61510
Deposit Account Name: Sheri L. Charles

TRANSMITTAL FORM



Electronic Version 1.0.3

Stylesheet Version: 1.0

Submission Type: Utility Patent
Filing

Attorney Docket
Number:

201-0309
GPB

STEER-BY-WIRE STEERING SYSTEM WITH ROTATION LIMITER

First Named Inventor: Aaron Mills

SUBMITTED BY

Organization Name:

Ford Motor Company

Name:

Sheri Lynn Charles Electronic
Application Specialist

Electronic Signature Mark: /slc

Date Signed: 20020205

I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.

I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

declaration	consent.tif
declaration	declaration1of3.tif
declaration	declaration2of3.tif
declaration	declaration3of3.tif

THE UNIVERSITY OF CHICAGO

consent.tif

declaration2of3.tif

declaration3of3.tif

InformationDisclosureStatementPage1of3.tif

InformationDisclosureStatementPage2of3.tif

InformationDisclosureStatementPage3of3.tif

Comments:

1. The first step is to identify the problem. This involves understanding the symptoms and the context in which they are occurring.

PATENT APPLICATION

ASSISTANT COMMISSIONER FOR PATENTS
Washington, D. C. 20231

Case Docket No. 201-0309
Date: January 28, 2002

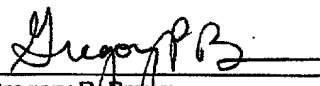
Sir:

Inventor(s):
Aaron Mills
Michael Lopez

For: **STEER-BY-WIRE STEERING SYSTEM WITH ROTATION LIMITER**

The attorney or agent below has reviewed this application and its attachments and consents to electronic filing by the assignee.

Respectfully submitted:



Gregory P. Brown
Attorney or Agent of Record
Registration No. 38,035
Ford Global Technologies, Inc.
One Parklane Blvd.,
600 Parklane Towers East
Dearborn, MI 48126
Telephone: 313-248-1367

DECLARATION AND POWER OF ATTORNEY - ORIGINAL APPLICATION

Attorney's Docket N
201-0309

As a below named inventor, I hereby declare:

My residence, post office address and citizenship are as stated below next to my name;

I verily believe I am the original, first and sole inventor or an original, first and joint inventor of the subject matter that for which a patent is sought on the invention entitled

STEER-BY-WIRE STEERING SYSTEM WITH ROTATION LIMITER

the specification of which is attached hereto.

I have reviewed and understand the contents of the specification identified above, including the claims.

I acknowledge my duty to disclose information of which I am aware that is material to the examination of this application in accordance with Section 1.56(a), Title 37 of the Code of Federal Regulations; and as to application for patents or inventor's certificate on the invention filed in any country foreign to the United States prior to this application by me or my legal representatives or assigns,

☒ no such applications have been filed, or☐ such applications have been filed as follows:☐ I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) in

COUNTRY	APPLICATION NO.	DATE OF FILING (month, day, year)	DATE OF ISSUE (month, day, year)	PRIORITY CLAIMED UNDER 35 USC 119	<input type="checkbox"/> , prov app nurr on e prio PTC atta

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 available between the filing date of the prior application and the national or PCT International filing date of this application.

(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)
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(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)
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POWER OF ATTORNEY: - I/we hereby appoint the following Practitioners: Customer No. 28413, Kevin Grzelak as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office and all foreign Patent Offices.

Address all correspondence and telephone calls to:

Kevin Grzelak
Price Heneveld Cooper DeWitt & Litton
695 Kenmoor S.E. Box 2567
Grand Rapids, MI 49501 Phone: 616-949-9610


I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statement jeopardize the validity of the application or any patent issuing thereon.

NAME AND MAILING ADDRESS OF INVENTOR:	RESIDENCE	CITIZENSHIP	SIGNATURE	
Aaron L. Mills 1339 White Street Ann Arbor, MI 48104 US	Ann Arbor, MI 48104 US	U.S.A		D
Michael Patrick Lopez 1110 Mason Dearborn, MI 48124 US	Dearborn, MI 48124 US	U.S.A		-

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Aaron L. Mills 1339 White Street Ann Arbor, MI 48104 US	Ann Arbor, MI 48104 US	U.S.A		-
Michael Patrick Lopez 1110 Mason 1051 Mohawk St. Dearborn, MI 48124 US MPL	Dearborn, MI 48124 US	U.S.A		19

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Michael P. Lopez

For : STEER-BY-WIRE STEERING SYSTEM WITH ROTATION LIMITER

Assistant Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

Dear Sir:

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.97(b)

Pursuant to 37 CFR §§1.56 and 1.97(b), Applicant brings to the attention of the Examiner the documents listed on the attached Form PTO-1449. This Information Disclosure Statement is being filed within three months of the filing date of the above-referenced application.

A copy of the listed documents is submitted herewith along with Form PTO-1449. Applicant respectfully requests that the Examiner consider the listed documents and evidence that warrant consideration by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If it should be determined that any of the listed documents do not constitute "prior art" under United States law, Applicant reserves the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

Applicant : Michael P. Lopez
For : STEER-BY-WIRE STEERING SYSTEM WITH ROTATION LIMITER
Page : 2

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-1510.

Respectfully submitted,

MICHAEL P. LOPEZ

By: Price, Heneveld, Cooper,
DeWitt & Litton

9/25/01
Date

Kevin T. Grzelak
Kevin T. Grzelak
Registration No. 35 169
695 Kenmoor, S.E.
Post Office Box 2567
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(616) 949-9610

KTG/jrb

FORM PTO-1449 (Rev 2-32)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 201-0309 (FOR25 P-347)	SERIAL NO.
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT Michael P. Lopez	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING D. IF APPROP
	5 8 9 6 9 4 2	04/27/99	Bohner et al.	180	402	
	5 8 0 3 2 0 2	09/08/98	Bohner et al.	180	443	
	5 4 5 6 3 3 0	10/10/95	Kojima et al.	180	79.1	
	4 8 6 5 1 4 4	09/12/89	North	180	79.1	
	4 6 4 1 7 3 7	02/10/87	Gillingham et al.	192	141	

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATI
					YES

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant
(Form PTO-1449)

FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

TOTAL FEES AUTHORIZED: \$ 820

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 06-1510



Deposit Account Name: Ford Global Technologies, Inc.

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

SUBMITTED BY

Authorized Name: Sheri L. Charles

Electronic Signature Mark: /slc

Date Signed: 20020205

BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 20	103	\$ 18	0	\$ 0
Independent Claims: 3	102	\$ 84	0	\$ 0

Subtotal For Extra Claims Fees: \$ 0

ADDITIONAL FEES

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 80

2022-06-06 10:00:00